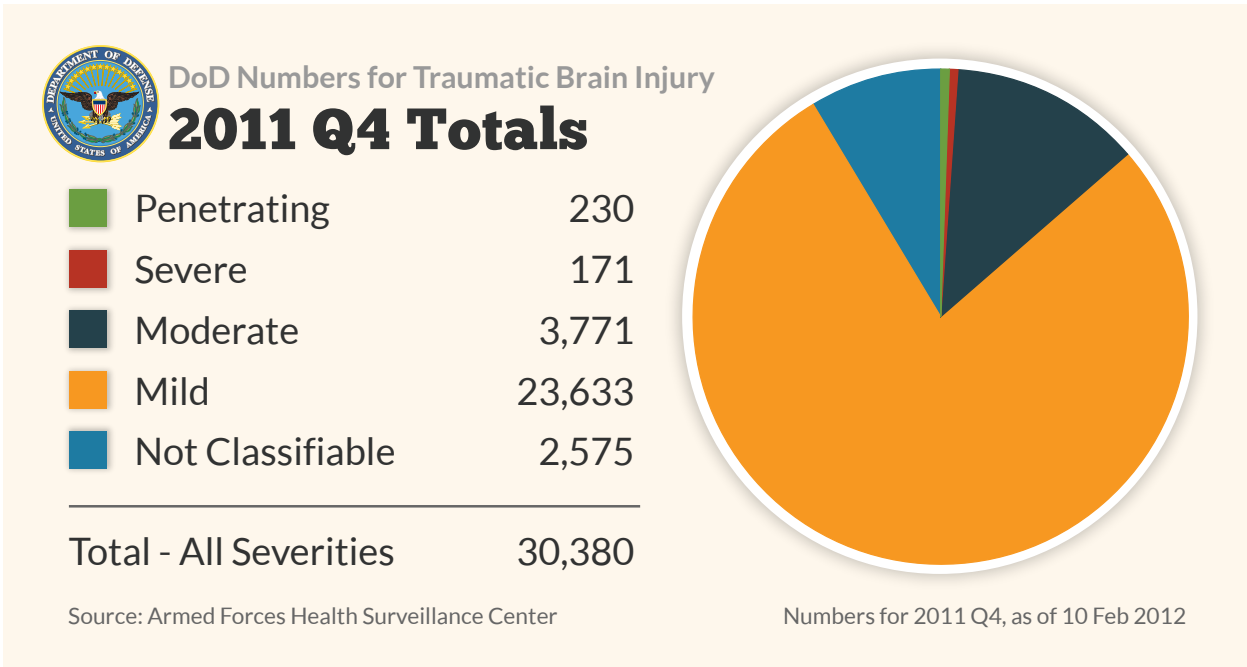


## TBI Numbers By Severity – All Armed Forces



**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

*Numbers for 2011 Q4, as of 10 Feb 2012*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Army



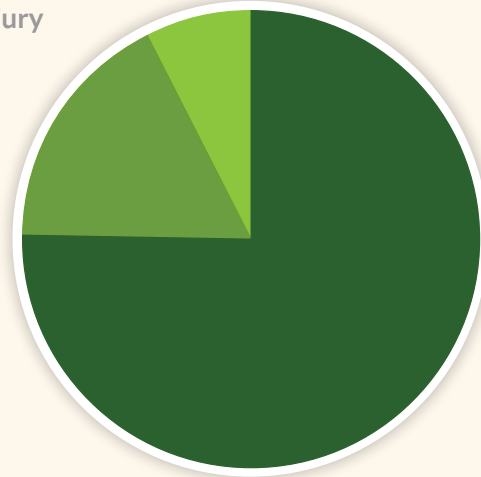
DoD Numbers for Traumatic Brain Injury

### 2011 Q4 Army

Active	14,723
Guard	3,359
Reserves	1,459

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Total - Army 19,541



Source: Armed Forces Health Surveillance Center

Numbers for 2011 Q4, as of 10 Feb 2012

Service	Component	Severity	2011 Q4
Army	Active	Penetrating	123
		Severe	80
		Moderate	1,844
		Mild	11,306
		Not Classifiable	1,370
	Guard	Penetrating	19
		Severe	15
		Moderate	507
		Mild	2,242
		Not Classifiable	576
	Reserves	Penetrating	8
		Severe	4
		Moderate	198
		Mild	1,069
		Not Classifiable	180

Numbers for 2011 Q4, as of 10 Feb 2012

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Navy



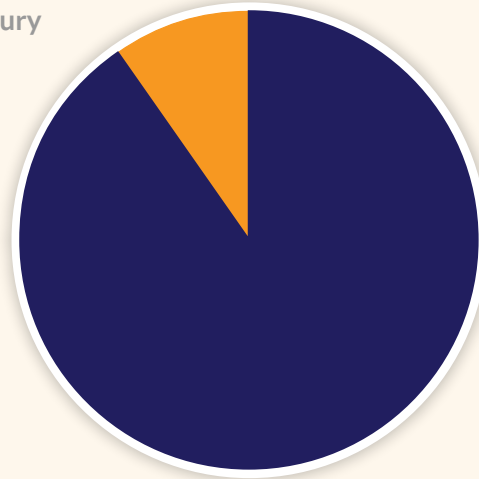
DoD Numbers for Traumatic Brain Injury

### 2011 Q4 Navy

Active	2,553
Reserves	272

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Total - Navy 2,825



Source: Armed Forces Health Surveillance Center

Numbers for 2011 Q4, as of 10 Feb 2012

Service	Component	Severity	2011 Q4
Navy	Active	Penetrating	12
		Severe	14
		Moderate	264
		Mild	2,171
		Not Classifiable	92
	Reserves	Penetrating	3
		Severe	1
		Moderate	31
		Mild	226
		Not Classifiable	11

Numbers for 2011 Q4, as of 10 Feb 2012

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Air Force



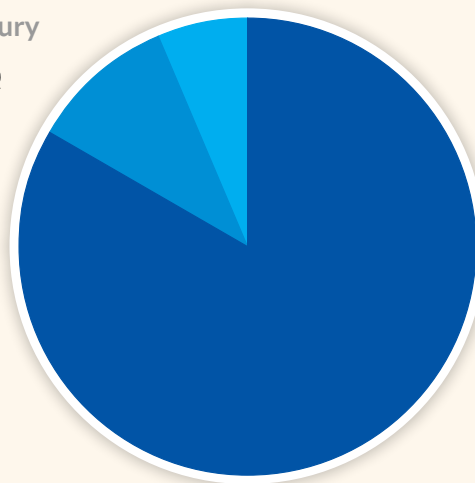
DoD Numbers for Traumatic Brain Injury

### 2011 Q4 Air Force

Active	2,730
Guard	331
Reserves	206

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Total - Air Force 3,267



Source: Armed Forces Health Surveillance Center

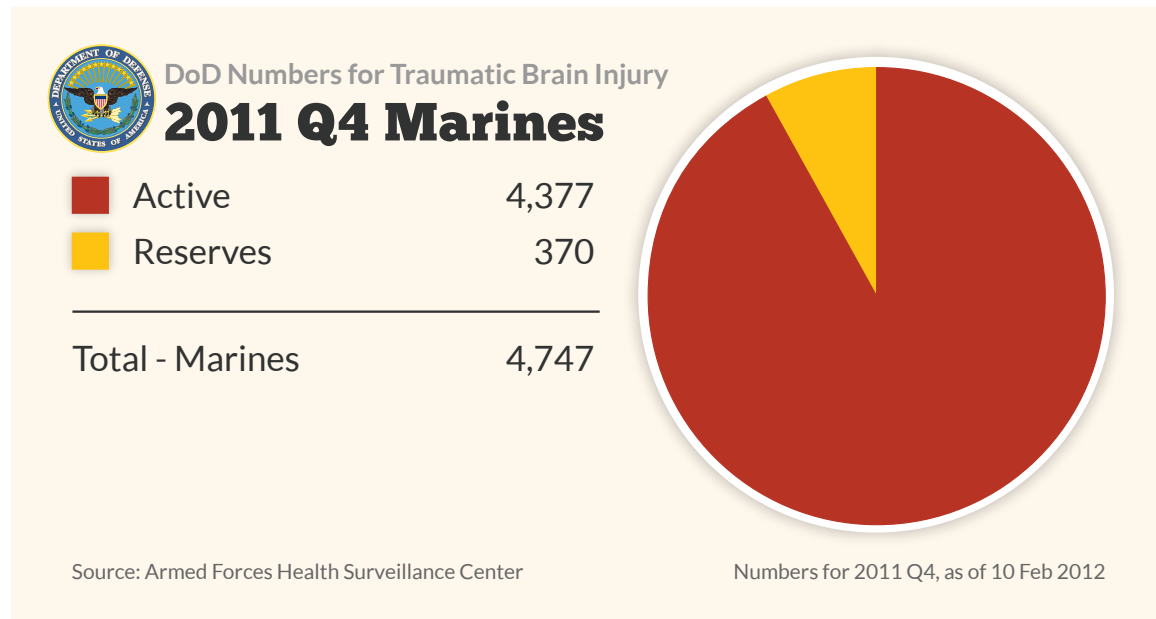
Numbers for 2011 Q4, as of 10 Feb 2012

Service	Component	Severity	2011 Q4
Air Force	Active	Penetrating	20
		Severe	18
		Moderate	274
		Mild	2,335
		Not Classifiable	83
	Guard	Penetrating	6
		Severe	-
		Moderate	38
		Mild	285
		Not Classifiable	2
	Reserves	Penetrating	4
		Severe	2
		Moderate	17
		Mild	178
		Not Classifiable	5

Numbers for 2011 Q4, as of 10 Feb 2012

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Marines



Service	Component	Severity	2011 Q4
Marines	Active	Penetrating	32
		Severe	35
		Moderate	539
		Mild	3,526
		Not Classifiable	245
	Reserves	Penetrating	3
		Severe	2
		Moderate	59
		Mild	295
		Not Classifiable	11

*Numbers for 2011 Q4, as of 10 Feb 2012*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)